PTO/SB/05 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Title

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. | 532212002000 First Inventor Thomas L. CANTOR

METHODS AND KITS FOR MONITORING RESISTANCE TO THERAPEUTIC AGENTS

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EV 272143097 US MS Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents Alexandria, VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. See 37 CFR 1.27. Nucleotide and/or Amino Acid Sequence Submission Х 8. (if applicable, all necessary) X Specification (Total Pages 45 Computer Readable Form (CRF) a. (preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applica b. Specification Sequence Listing on: CD-ROM or CD-R (2 copies); or Paper Statement Regarding Fed sponsored R & D Reference to sequence listing, a table Statements verifying identity of above copies or a computer program listing appendix

Background of the Invention ACCOMPANYING APPLICATIONS PARTS - Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description 9. Assignment Papers (cover sheet & document(s)) Claim(s)
Abstract of the Disclosure 37 CFR 3.73(b) Statement 10. Attorney (when there is an assignee) 4. X Drawing(s) (35 U.S.C. 113) **ITotal Sheets** 11. English Translation Document (if applicable) Information Disclosure Copies of IDS 5. Oath or Declaration [Total Sheets 12. Statement (IDS)/PTO-1449 Citations Newly executed (original or copy) 13. Preliminary Amendment Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) 14. X (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) 15. **DELETION OF INVENTOR(S)** (if foreign priority is claimed) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). 16 Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 6. X Application Data Sheet, See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) of prior application No.: Divisional Continuation Prior application information: Examiner Art Unit: or CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number: 25225 OR Correspondence address below X

9 🖺		<u>j</u>	ode	
Country	Telephone		Fax	
Name (Print/Type) David L Deve	ernoe	Registration No. (Attorney/Age	ent)	50,128
Signature	2	Date	S	eptember 16, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 272143097 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below

9/16/03

David L. Devernoe

MORRISON & FOERSTER LLP

Judgwale Signature:

(Judy Bridgwater)

Name

Address

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003 Effective 01/01/2003, Patent fees are subject to annual revision.		Compl te if Known								
		Applic	ation	Numbe	er Not Yet Assigned					
		Filing Date			Concurrently Herewith					
		First Named Inventor		Inven	ntor Thomas L. CANTOR					
	[Examiner Name Not Yet Assigned			Not Yet Assigned					
X Applicant claims small entity status. See 37 CFR 1.27	- [Art Unit N/A								
TOTAL AMOUNT OF PAYMENT (\$) 897.00		Attorney Docket No. 532212002000								
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)								
Check Credit Money Other None	3. ADDITIONAL FEES									
Card Order Otter	0.7.00.00.00.00.00.00.00.00.00.00.00.00.									
X Deposit Account		Entity	Small	Entity						
Deposit		Fee (\$)	Fee Code	Fee (\$)	Fee Description Fee Paid					
Deposit	Code									
Account Morrison & Foerster LLP	1051	130	2051	65	Surcharge – late filing fee or oath Surcharge – late provisional filing fee or cover					
The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	sheet.					
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification					
X Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination					
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action					
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action					
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month					
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month					
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month					
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month					
1001 750 2001 375 Utility filing fee 375.00	1255	1,970	2255	985	Extension for reply within fifth month					
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal					
1003 520 2003 260 Plant filing fee 1004 750 2004 375 Reissue filing fee	1402 1403	320 280	2402 2403	160	Filing a brief in support of an appeal					
1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1451	1,510	1451	140	Request for oral hearing Petition to institute a public use proceeding					
1003 100 2003 00 Provisional litting lee	1452	110	2452	55	Petition to revive – unavoidable					
SUBTOTAL (1) (\$) 375.00	1453	1,300	2453	650	Petition to revive - unintentional					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300	2501	650	Utility issue fee (or reissue)					
Extra Fee from	1501 1502	470	2502	235	Design issue fee					
Claims below Fee Paid Total Claims 64 -20** = 44 x 9.00 = 396.00	1503	630	2503	315	Plant issue fee					
	1460	130	1460	130	Petitions to the Commissioner					
Claims — — — — — — — — — — — — — — — — — — —	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)					
Multiple Dependent	1806	180	1806	180	Submission of Information Disclosure Stmt					
Fee					Recording each patent assignment per					
Code (\$) Fee Description	8021	40	8021	40	property (times number of properties) Filing a submission after final rejection					
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	(37 CFR 1.129(a))					
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))					
1204 84 2204 42 ** Reissue independent claims	1801	750	2801	375	Request for Continued Examination (RCE)					
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination of a design application					
and over original patent	Other	fee (spec	ify)							
SUBTOTAL (2) (\$) 522.00	*Red	uced by E	Basic F	iling Fee	e Paid SUBTOTAL (3) (\$) 0.00					
**or number previously paid, if greater; For Reissues, see above	<u> </u>									
SUBMITTED BY	Posici	ration *			Complete (if applicable)					
Name (Print/Type) David L Devernoe		ration No ey/Agent)		,128	Telephone (858) 720-7943					
Signature					Date September 16, 2003					
	•••									
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 272143097 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.										
Dated: 9/16/03 Signature: Judy Bridgwater)										

Application No. (if known):				Attorney Docket	No.: 532212002000
Certi	ficate of Expr	ess Mailir	ng Unde	er 37 CFR	1.10
l hereby o Express N	ertify that this correspond Mail, Airbill No. EV 272143	lence is being depo 3097 US in an enve	osited with the elope address	e United States Posed to:	ostal Service as
	MS Patent Application Commissioner for Pa P.O. Box 1450 Alexandria, VA 223	atents			
on	September 16, 2003 Date	·			
	Typed or printe	Signature Judy Bridgwater ed name of person		icate	-
•	Each paper must have its each submitted paper.		mailing, or this	s certificate must i	dentify
	Application Data Sheet				